



Headquarters,
Johnstown Castle Estate,
County Wexford, Ireland

GREENHOUSE GAS EMISSIONS PERMIT

Permit Register Number:	IE-GHG094-10395-7
Operator:	DAA Public Limited Company Dublin Airport Cloghran Dublin
Installation Name:	Dublin Airport
Site Name:	Dublin Airport
Location:	Dublin Airport Dublin Ireland

Introductory Note

This introductory note does not form a part of the Greenhouse Gas Emissions Permit.

This Greenhouse Gas Emissions Permit authorises the holder to undertake named activities resulting in emissions of Carbon Dioxide from the listed emission sources. It also contains requirements that must be met in respect of such emissions, including monitoring and reporting requirements. This Greenhouse Gas Emissions Permit places an obligation on the Operator to surrender allowances to the Agency equal to the annual reportable emissions of carbon dioxide equivalent from the installation in each calendar year, no later than four months after the end of each such year.

Contact with Agency:

If you contact the Agency about this Greenhouse Gas Emissions Permit please quote the following reference: Greenhouse Gas Emissions Permit N^o IE-GHG094-10395.

All correspondence in relation to this permit should be addressed to:

Email: help.ets@epa.ie

By Post: Climate Change Unit, Environmental Protection Agency
P.O. Box 3000, Johnstown Castle Estate,
Co. Wexford

Updating of the permit:

This Greenhouse Gas Emissions Permit may be updated by the Agency, subject to compliance with Condition 2. The current Greenhouse Gas Emissions Permit will normally be available on the Agency's website at www.epa.ie and [ETSWAP](#).

Surrender of the permit:

Before this Greenhouse Gas Emissions Permit can be wholly or partially surrendered, a written application must be made to the on-line ETS portal, and written permission received from, the Agency through [ETSWAP](#).

Transfer of the permit or part of the permit:

Before this Greenhouse Gas Emissions Permit can be wholly or partially transferred to another Operator a joint written application to transfer this Greenhouse Gas Emissions Permit must be made (by both the existing and proposed Operators) to, and written permission received from, the Agency through the on-line ETS portal [ETSWAP](#).

Licence held pursuant to the Environmental Protection Agency Act 1992, as amended. (as of the date of this permit):

Status Log

Current Permit

Permit number	Date application received	Date Permit issued	Comment
IE-GHG094-10395-7	21 December 2018	19 December 2019	<ol style="list-style-type: none"> 1. Total Capacity has increased to 148.5 MW 2. LPG was added as a Source Stream (Emission sources S143, 144, 145 and 146) 3. 24 new Emission sources on Natural Gas (S94-S113) and LPG (S143, S144, S145, S146) were added. 4. Emission Source S64 (SGB17) was removed and replaced with S94. 5. Emission Sources S42 and S43 (on Gas Oil) were replaced with new boilers S42 and S43 on Natural Gas. 6. Emission Sources S46 and S83 were removed. 7. Emission Points EC1.6, EC1.7, EC1.8, SOB1, SOB2 were administrative errors and were removed. 8. Activity Tier changed to 'Tier 2' for NG2 measurement devices based on levels of metering accuracy.

Previous Permits

Permit number	Change Type	Date application received	Date Permit issued	Comment
IE-GHG094-10395-1	GHG Permit Application	24 January 2014	03 February 2014	
IE-GHG094-10395-2	GHG Variation	08 August 2014	08 September 2014	Removal of minor source (S50) and addition of acetylene. Update of tiers for minor source streams.
IE-GHG094-10395-3	GHG Variation	05 January 2015	27 February 2015	Change of Operator name from Dublin Airport Authority to DAA.
IE-GHG094-10395-4	GHG Variation	03 March 2015	14 July 2015	1. Addition of minor boilers (S87,S88,S89 and S90) and minor meters. All operating on natural gas.
IE-GHG094-10395-5	GHG Variation	21 December 2015	29 February 2016	1. Removal of emission sources S81 & S82 and corresponding emission points SGB70 & 71. 2. Addition of emission source S91 and corresponding emission point SGB77. 3. Addition of emission points SGB66, 67 & 68 which were omitted in the previous permit. These correspond to emission sources S31, 32 & S33 respectively.
IE-GHG094-10395-6	GHG Variation	20 January 2017	01 June 2017	1. Removal of emission source S53 and replacement with emission source S92. 2. Removal of emission source S54 and replacement with emission source S93. 3. Removal of emission sources S40 and S41 and replacement with emission sources S141 and S142 and corresponding emission points SKB1 and SKB2. 4. Addition of source stream K1 associated with emission sources S141 and S142.

End of Introductory Note

Glossary of Terms

For the purposes of this permit the terms listed in the left hand column shall have the meaning given in the right hand column below:

The Agency	Environmental Protection Agency.
Agreement	Agreement in writing.
Allowance	Permission to emit to the atmosphere one tonne of carbon dioxide equivalent during a specified period issued for the purposes of Directive 2003/87/EC by the Agency or by a designated national competent authority of a Member State of the European Union.
Annual Reportable Emissions	Reportable Emissions of carbon dioxide made in any calendar year commencing from 1 January 2005 or the year of commencement of the activity, whichever is the later.
A & V Regulation	Commission Regulation (EU) No 600/2012 of 21 June 2012 on the verification of greenhouse gas emission reports and tonne-kilometre reports and the accreditation of verifiers pursuant to Directive 2003/87/EC of the European Parliament and of the Council and any amendments or revisions thereto.
Category A Installation	As defined in Article 19.2 (a) of the M&R Regulation.
Category B Installation	As defined in Article 19.2 (b) of the M&R Regulation.
Category C Installation	As defined in Article 19.2 (c) of the M&R Regulation.
The Directive	Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending Council Directive 96/61/EC.
Emissions	The release of greenhouse gases into the atmosphere from sources in an installation.
EPA	Environmental Protection Agency.
Fall-Back Methodology	As defined in Article 22 of the M&R Regulation.
GHG	Greenhouse gas.
GHG Permit	Greenhouse gas emissions permit.
Greenhouse Gas	Any of the gases in Schedule 2 of the Regulations.
IPC/IE	Integrated Pollution Control/Industrial Emissions.
Installation	Any stationary technical unit where one or more activities listed in Schedule 1 to the Regulations are carried out. Also any other directly associated activities which have a technical connection with the activities carried out on that site and which could have an effect on emissions and pollution. References to an installation include references to part of an installation.

Installation with low emissions	As defined in Article 47 of the M&R Regulation.
Major Source Streams	As defined in Article 19.3 (c) of the M&R Regulation.
M&R Regulation	Commission Regulation (EU) No 601/2012 of 21 June 2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council and any amendments or revisions thereto.
Mis-statement	An omission, misrepresentation or error in the Operators reported data, not considering the uncertainty permissible pursuant to Article 12(1)(a) of Regulation (EU) no 601/2012.
N/A	Not applicable.
Monitoring Plan	The Plan submitted and approved in accordance with Condition 3.1 of this permit and attached at Appendix 1.
Non-conformity	Any act or omission by the Operator, either intentional or unintentional, that is contrary to the greenhouse gas emissions permit and the requirements of the Monitoring Plan.
The National Administrator	The person so designated in accordance with the requirements of any Regulations adopted as provided for under Article 19.3 of Directive 2003/87/EC.
The Operator (for the purposes of this permit)	DAA Public Limited Company
“operator”	Any person who operates or controls an installation or to whom decisive economic power over the functioning of the installation has been delegated.
Person	Any natural or legal person.
Reportable emissions	The total releases to the atmosphere of carbon dioxide (expressed in tonnes of carbon dioxide equivalent) from the emission sources specified in Table 2 and arising from the Schedule 1 activities which are specified in Table 1.
The Regulations	European Communities (Greenhouse Gas Emissions Trading) Regulations 2012 (S.I. No 490 of 2012) and any amendments or revisions thereto.
The Verifier	A legal person or another legal entity carrying out verification activities pursuant to Regulation (EU) No 600/2012 and accredited by a national accreditation body pursuant to Regulation (EC) No 765/2008 and Regulation (EU) No 600/2012 or a natural person otherwise authorised, without prejudice to Article 5(2) of Regulation (EC) No 765/2008, at the time a verification report is issued.
The Registry	The Registry as provided for under Article 19 of Directive 2003/87/EC.

Schedule 1

Schedule 1 to the Regulations.



Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this permit, the Operator is capable of monitoring and reporting emissions in accordance with the requirements of the Regulations.

Activities Permitted

Pursuant to the Regulations the Agency issues this Greenhouse Gas Emissions Permit, subject to any subsequent revisions, corrections or modifications it deems appropriate, to:

The Operator:

DAA Public Limited Company
Dublin Airport
Cloghran
Dublin

Company Registration Number: 9401

to carry out the following

Categories of activity:

Annex 1 Activity
Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)

at the following installation(s):

Dublin Airport **Installation number: 73**

located at

Dublin Airport
Dublin
Ireland

subject to the five conditions contained herein, with the reasons therefor and associated tables attached thereto.

Conditions

Condition 1. The Permitted Installation

- 1.1 This permit is being granted in substitution for the previous GHG permit granted to the Operator as listed in the Status Log of this GHG permit.
- 1.2 The Operator is authorised to undertake the activities and/or the directly associated activities specified in Table 1 below resulting in the emission of carbon dioxide:

Table 1 - Activities which are listed in Schedule 1 of the Regulations and other directly associated activities carried out on the site:

Installation No.: 73

Activity Description
Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)

Directly Associated Activity Description
N/A

- 1.3 Carbon dioxide from Schedule 1 activities shall be emitted to atmosphere only from the emission sources as listed in Table 2 below:

Table 2 Emission Sources and Capacities:

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S1	Dual Fuel Boiler 1	5.25	MW
S2	Dual Fuel Boiler 2	7.75	MW
S3	Combined Heat and Power 1	2.95	MW
S4	Combined Heat and Power 2	7.34	MW
S5	Dual Fuel Boiler 4	4	MW
S6	Dual Fuel Boiler 5	4	MW
S7	Dual Fuel Boiler 6	1.9	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S8	Combined Heat and Power 3	7	MW
S9	Diesel Generator	5.2	MW
S10	Diesel Generator	5.2	MW
S11	Gas Fired Boiler	2.01	MW
S12	Gas Fired Boiler	2.01	MW
S13	Standby Diesel Generator	5.34	MW
S14	Standby Diesel Generator	1.4	MW
S15	Standby Diesel Generator	1	MW
S16	Standby Diesel Generator	1	MW
S17	Standby Diesel Generator	0.57	MW
S18	Standby Diesel Generator	1.67	MW
S19	Standby Diesel Generator	2.66	MW
S20	Standby Diesel Generator	0.67	MW
S21	Standby Diesel Generator	1.16	MW
S22	Standby Diesel Generator	1	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S23	Standby Diesel Generator	1	MW
S24	Sprinkler Pump Engine	0.3	MW
S25	Standby Diesel Generator	1.57	MW
S26	Standby Diesel Generator	0.01	MW
S27	Standby Diesel Generator	1.6	MW
S28	Standby Diesel Generator	5.34	MW
S29	Standby Diesel Generator	1.57	MW
S30	Standby Diesel Generator	1.57	MW
S31	Gas Fired Boiler	0.07	MW
S32	Gas Fired Boiler	0.07	MW
S33	Gas Fired Boiler	0.07	MW
S42	Gas Fired Boiler	0.12	MW
S43	Gas Fired Boiler	0.12	MW
S44	Oil Fired Boiler	0.24	MW
S45	Oil Fired Boiler	0.24	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S47	Oil Fired Boiler	0.18	MW
S48	Oil Fired Boiler	0.25	MW
S49	Oil Fired Boiler	0.18	MW
S51	Gas Fired Boiler	0.16	MW
S52	Gas Fired Boiler	0.16	MW
S55	Gas Fired Boiler	0.08	MW
S56	Gas Fired Boiler	0.18	MW
S57	Gas Fired Boiler	0.18	MW
S58	Gas Fired Boiler	0.29	MW
S59	Gas Fired Boiler	0.59	MW
S60	Gas Fired Boiler	0.59	MW
S61	Gas Fired Boiler	0.18	MW
S62	Gas Fired Boiler	0.37	MW
S63	Gas Fired Boiler	0.1	MW
S65	Gas Fired Boiler	0.02	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S66	Gas Fired Boiler	0.02	MW
S67	Gas Fired Boiler	0.85	MW
S68	Gas Fired Boiler	0.85	MW
S69	Gas Fired Boiler	0.11	MW
S70	Gas Fired Boiler	0.22	MW
S71	Gas Fired Boiler	0.22	MW
S72	Gas Fired Boiler	0.03	MW
S73	Gas Fired Boiler	0.03	MW
S74	Gas Fired Boiler	0.09	MW
S75	Gas Fired Boiler	0.09	MW
S76	Gas Fired Boiler	0.09	MW
S77	Gas Fired Boiler	0.09	MW
S78	Gas Fired Boiler	0.18	MW
S120	Kitchen Equipment	0.02	MW
S121	Kitchen Equipment	0.02	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S122	Kitchen Equipment	0.04	MW
S123	Kitchen Equipment	0.1	MW
S124	Kitchen Equipment	0.03	MW
S125	Kitchen Equipment	0.02	MW
S126	Kitchen Equipment	0.02	MW
S127	Kitchen Equipment	0.02	MW
S128	Kitchen Equipment	0.02	MW
S129	Kitchen Equipment	0.02	MW
S130	Kitchen Equipment	0.03	MW
S131	Kitchen Equipment	0.04	MW
S132	Kitchen Equipment	0.02	MW
S133	Kitchen Equipment	0.13	MW
S134	Kitchen Equipment	0.07	MW
S135	Kitchen Equipment	0.04	MW
S136	Kitchen Equipment	0.01	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S137	Kitchen Equipment	0.1	MW
S138	Kitchen Equipment	0.04	MW
S139	Kitchen Equipment	0.03	MW
S79	Gas Fired Boiler	0.7	MW
S80	Gas Fired Boiler	0.7	MW
S34	Standby Diesel Generator	0.5	MW
S84	Oil Fired Boiler	0.25	MW
S86	Oil Fired Boiler	0.25	MW
S140	Acetylene for Welding	0.48	MW
S87	Gas Fired Boiler Cargo 6	0.23	MW
S88	Gas Fired Boiler Cargo 6	0.23	MW
S89	Gas Fired Boiler Cargo Terminal 1	0.3	MW
S90	Gas Fired Boiler Cargo 4 Unit 2	0.16	MW
S91	Cargo 6 Gas Fired Boiler	0.06	MW
S141	Kerosene Fired Boiler	0.19	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S142	Kerosene Fired Boiler	0.19	MW
S92	Gas Fired Boiler	0.02	MW
S93	Gas Fired Boiler	0.1	MW
S143	Fire Station LPG Gas Cooler 1	0.04	MW
S144	Fire Station LPG Gas Cooker 2	0.04	MW
S145	Fire Station LPG Gas Grill 1	0.01	MW
S146	Fire Station LPG Simulation Rig 1	49.32	MW
S85	Oil Fired Boiler	0.25	MW
S95	Kitchen Equipment	0.02	MW
S96	Kitchen Equipment	0.04	MW
S97	Kitchen Equipment	0.04	MW
S98	Kitchen Equipment	0.02	MW
S99	Kitchen Equipment	0.01	MW
S100	Kitchen Equipment	0.02	MW
S101	Kitchen Equipment	0.02	MW

Emission Source Reference	Emission Source Description	Capacity	Capacity Units
S102	Kitchen Equipment	0.02	MW
S103	Kitchen Equipment	0.02	MW
S104	Kitchen Equipment	0.02	MW
S105	Kitchen Equipment	0.02	MW
S106	Kitchen Equipment	0.09	MW
S107	Gas Fired Boiler	0.12	MW
S108	Gas Fired Boiler	0.16	MW
S109	Gas Fired Boiler	0.7	MW
S110	Gas Fired Boiler	0.7	MW
S111	Gas Fired Boiler	0.05	MW
S113	Gas Fired Boiler	0.05	MW
S112	Gas Fired Boiler	0.05	MW
S94	Gas Fired Boiler	0.12	MW

- 1.4 The activity shall be controlled, operated and maintained so that emissions of carbon dioxide shall take place only as set out in this GHG Emissions Permit. The permit does not control emissions of gases other than carbon dioxide. All agreed plans, programmes and methodologies required to be carried out under the terms of this permit, become part of this permit.
- 1.5 This GHG Permit is for the purposes of GHG emissions permitting under the European Communities (Greenhouse Gas Emissions Trading) Regulations 2012 and any amendments to the same only and nothing in this permit shall be construed as negating the Operator's statutory obligations or

requirements under any other enactments or regulations unless specifically amended by the Regulations.

- 1.6 Any reference in this permit to 'installation' shall mean the installation as described in the Greenhouse Gas Emissions Permit application and any amendments approved by the Agency.

Reason: To describe the installation and clarify the scope of this permit.

Condition 2. Notification

- 2.1 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in a change in:
- 2.1.1 the nature or functioning of the installation;
 - 2.1.2 the capacity of the installation as detailed in this permit;
 - 2.1.3 the fuels used at the installation;
 - 2.1.4 the range of activities to be carried out at the installation
- that may require updating of the GHG permit shall be carried out or commenced without prior notice to and without the prior written agreement of the Agency.
- 2.2 The Operator shall notify the Agency in writing of the cessation of all or part of any activity listed in Table 1 of this permit no later than one month from the date of cessation or by 31 December of the year of cessation, whichever is sooner.
- 2.3 The Operator shall apply for an update of this GHG Permit where there is a change to the Operator name and/or registered address of the Operator, within seven days of the change.
- 2.4 For installations or parts of installations which have not come into operation when the application for this permit was made the Operator shall notify the Agency of the date of commencement of the activity within seven days of commencement.
- 2.5 The Operator shall notify the Agency in writing within three days of becoming aware of any factors which may prevent compliance with the conditions of this permit.
- 2.6 The Operator shall submit to the Agency by 21 January of each year a declaration of operability. The declaration submitted shall be in the format required by the Agency.
- 2.7 All notifications required under Condition 2 above shall be made to the address given in the Explanatory Note included with this permit.
- 2.8 The Operator shall submit to the Agency by 31 December of each year all relevant information about any planned or effective changes to the capacity, activity level and operation of an installation. The information submitted shall be in the format required by the Agency.

Reason: To provide for the notification of updated information on the activity.

Condition 3. Monitoring and Reporting

- 3.1 The Operator shall monitor and record greenhouse gas emissions on site in accordance with the M&R Regulation and the approved Monitoring Plan attached at Appendix 1 to this GHG permit and in compliance with any other guidance approved by the Agency for the purposes of implementing the Directive and/or the Regulations.
- 3.2 The Operator shall modify the monitoring plan in any of the following situations:

- 3.2.1 new emissions occur due to new activities carried out or due to the use of new fuels or materials not yet contained in the monitoring plan;
- 3.2.2 the change of availability of data, due to the use of new measurement instrument types, sampling methods or analysis methods, or for other reasons, leads to higher accuracy in the determination of emissions;
- 3.2.3 data resulting from the previously applied monitoring methodology has been found incorrect;
- 3.2.4 changing the monitoring plan improves the accuracy of the reported data, unless this is technically not feasible or incurs unreasonable costs;
- 3.2.5 the monitoring plan is not in conformity with the requirements of the M&R Regulation and the Agency requests a change;
- 3.2.6 it is necessary to respond to the suggestions for improvement of the monitoring plan contained in the verification report.

The Operator shall notify any proposals for modification of the monitoring plan to the Agency without undue delay. Any significant modifications of the monitoring plan, as defined in Article 15 of the M&R Regulation, shall be subject to approval by the Agency. Where approved these changes shall be implemented within a timeframe agreed by the Agency.

3.3 Temporary changes to the monitoring methodology:

3.3.1 Where it is for technical reasons temporarily not feasible to apply the tier in the monitoring plan for the activity data or each calculation factor of a fuel or material stream as approved by the Agency, the Operator shall apply the highest achievable tier until the conditions for application of the tier approved in the monitoring plan have been restored. The Operator shall take all necessary measures to allow the prompt restoration of the tier in the approved monitoring plan. The Operator shall notify the temporary change to the monitoring methodology without undue delay to the Agency specifying:

- (i) The reasons for the deviation from the tier;
- (ii) in detail, the interim monitoring methodology applied by the Operator to determine the emissions until the conditions for the application of the tier in the monitoring plan have been restored;
- (iii) the measures the Operator is taking to restore the conditions for the application of the tier in the approved monitoring plan;
- (iv) the anticipated point in time when application of the approved tier will be resumed.

3.3.2 A record of all non-compliances with the approved monitoring plan shall be maintained on-site and shall be available on-site for inspection by authorised persons of the Agency and/or by the Verifier at all reasonable times.

3.4 The Operator shall appoint a Verifier to ensure that, before their submission, the reports required by Condition 3.5 below are verified in accordance with the criteria set out in Schedule 5 of the Regulations, the A&V Regulation and any more detailed requirements of the Agency.

3.5 The written report of the verified annual reportable emissions and the verification report in respect of each calendar year shall be submitted to the Agency by the Operator no later than 31 March of the following year. The reports shall be in the format required by the Agency and meet the criteria set out in the M&R and A&V Regulations.

- 3.6 The Operator shall enter the verified annual reportable emissions figure for the preceding year into the Registry no later than 31 March of the following year. This figure shall be electronically approved by the Verifier in the registry no later than 31 March of each year.
- 3.7 Where an Operator is applying the Fall-Back methodology, the Operator shall assess and quantify each year the uncertainties of all parameters used for the determination of the annual emissions in accordance with the ISO Guide to the Expression of Uncertainty in Measurement or another equivalent internationally accepted standard and include the verified results in the written report of the verified annual reportable emissions to be submitted to the Agency by 31 March each year.
- 3.8 An Operator shall submit to the Agency for approval a report containing the information detailed in (i) or (ii) below, where appropriate, by the following deadlines:
- (a) for a category A installation, by 30 June every four years;
 - (b) for a category B installation, by 30 June every two years;
 - (c) for a category C installation, by 30 June every year.
- (i) Where the Operator does not apply at least the tiers required pursuant to the first subparagraph of Article 26(1) and to Article 41(1) of the M&R Regulation, the Operator shall provide a justification as to why it is technically not feasible or would incur unreasonable costs to apply the required tiers. Where evidence is found that measures needed for reaching those tiers have become technically feasible and do not incur unreasonable costs, the Operator shall notify the Agency of appropriate modifications to the monitoring plan and submit proposals for implementing appropriate measures and its timing.
- (ii) Where the Operator applies a fall-back monitoring methodology, the Operator shall provide a justification as to why it is technically not feasible or would incur unreasonable costs to apply at least tier 1 for one or more major or minor source streams. Where evidence is found that measures needed for reaching at least tier 1 for those source streams have become technically feasible and do not incur unreasonable costs, the Operator shall notify the Agency of appropriate modifications to the monitoring plan, submit proposals and a timeframe for implementing appropriate measures.
- 3.9 Where the verification report states outstanding non conformities, misstatements or recommendations for improvements the Operator shall submit a report to the Agency for approval by 30 June of the year in which the verification report is issued. This requirement does not apply to the Operator of an installation with low emissions where the verification report contains recommendations for improvements only. The report shall describe how and when the Operator has rectified or plans to rectify the non-conformities identified and to implement recommended improvements. Where recommended improvements would not lead to an improvement of the monitoring methodology this must be justified by the Operator. Where the recommended improvements would incur unreasonable costs the Operator shall provide evidence of the unreasonable nature of the costs. The Operator shall implement the improvements specified by the Agency in response to the report submitted in accordance with this Condition in accordance with a timeframe set by the Agency.
- 3.10 The Operator shall make available to the Verifier and to the Agency any information and data relating to emissions of carbon dioxide which are required in order to verify the reports referred to in Condition 3.5 above or as required by the Agency to facilitate it in establishing benchmarks and/or best practice guidance.
- 3.11 Provision shall also be made for the transfer of environmental information, in relation to this permit, to the Agency's computer system, as may be requested by the Agency.
- 3.12 The Operator shall retain all information as specified in the M&R Regulation for a period of at least 10 years after the submission of the relevant annual report.

- 3.13 A record of independent confirmation of capacities listed in this permit shall be available on-site for inspection by authorised persons of the Agency at all reasonable times.
- 3.14 The Operator shall keep records of all modifications of the monitoring plan. The records shall include the information specified in Article 16.3 of the M&R Regulation.
- 3.15 The Operator shall ensure that members of the public can view a copy of this permit and any reports submitted to the Agency in accordance with this permit at all reasonable times. This requirement shall be integrated with the requirements of any public information programme approved by the Agency in relation to any other permit or licence held by the Operator for the site.

Reason: To provide for monitoring and reporting in accordance with the Regulations.

Condition 4. Allowances

- 4.1 Surrender of Allowances
- 4.1.1 The Operator shall, by 30 April in each year, surrender to the Agency, or other appropriate body specified by the Agency, allowances equal to the annual reportable emissions in the preceding calendar year.
- 4.1.2 The number of allowances to be surrendered shall be the annual reportable emissions for the preceding calendar year plus such allowances as may be necessary to cover any earlier calendar year in respect of which allowances remain outstanding and due. This includes allowances to cover the amount of any annual reportable emissions in respect of which allowances were not surrendered in accordance with Condition 4.1.1 in the previous year, and the amount of any reportable emissions which were discovered during the previous year to have been unreported in reports submitted under Condition 3 in that or in earlier years.
- 4.1.3 In relation to activities or parts of activities which have ceased to take place and have been notified to the Agency in accordance with Condition 2.2 above, the Operator shall surrender to the Agency allowances equal to the annual reportable emissions from such activities in the preceding calendar year or part thereof, together with such allowances as may be necessary to cover any earlier calendar year in respect of which allowances remain outstanding and due as described in Condition 4.1.2 above.
- 4.1.4 The Operator may, from 2008 onwards, subject to the provisions of the Regulations and the relevant National Allocation Plan for that compliance year, surrender emission reduction units (ERUs) and certified emission reduction units (CERs) in place of allowances.
- 4.2 The holding, transfer, surrender and cancellation of allowances shall be in accordance with the requirements of any Regulations adopted as provided for under Article 19.3 of Directive 2003/87/EC, any amendment or revision to the same and any guidance issued by the Agency or the National Administrator.
- 4.3 The Operator shall provide the National Administrator with all the necessary information for the opening of an Operator holding account for the installation described in Condition 1 of this permit within twenty working days of the issue of this permit, unless such an account is already open.

Reason: To provide for the surrendering, holding, transfer and cancellation of allowances in respect of reported emissions.

Condition 5. Penalties

5.1 Any Operator who fails to comply with Condition 4.1 above shall be subject to the provisions of the Regulations, including, but not limited to the payment of penalties.

Reason: To provide for the payment of excess emissions penalties as required under the Regulations.

Sealed by the seal of the Agency on this the 19 December 2019:

PRESENT when the seal of the Agency was affixed hereto:

Dr Suzanne Monaghan
Inspector/ Authorised Person

Appendix 1 to Greenhouse Gas Emissions Permit Number IE-GHG094-10395

Monitoring Plan

1. Guidelines & Conditions

1. Directive 2003/87/EC as amended by Directive 2009/29/EC (hereinafter "the (revised) EU ETS Directive") requires operators of installations which are included in the European Greenhouse Gas Emission Trading Scheme (the EU ETS) to hold a valid GHG emission permit issued by the relevant Competent Authority and to monitor and report their emissions and have the reports verified by an independent and accredited verifier.

The Directive can be downloaded from:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2003L0087:20090625:EN:PDF>

2. The Monitoring and Reporting Regulation (Commission Regulation (EU) No 601/2012) (hereinafter the "MRR") defines further requirements for monitoring and reporting.

The MRR can be downloaded from:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:181:0030:0104:EN:PDF>

Article 12 of the MRR sets out specific requirements for the content and submission of the monitoring plan and its updates. Article 12 outlines the importance of the Monitoring plan as follows:

The monitoring plan shall consist of a detailed complete and transparent documentation of the monitoring methodology of a specific installation [or aircraft operator] and shall contain at least the elements laid down in Annex I.

Furthermore Article 74(1) states:

Member States may require the operator and aircraft operator to use electronic templates or specific file formats for submission of monitoring plans and changes to the monitoring plan as well as for submission of annual emissions reports tonne-kilometre data reports verification reports and improvement reports. Those templates or file format specifications established by the Member States shall at least contain the information contained in electronic templates or file format specifications published by the Commission

3. All Commission guidance documents on the Monitoring and Reporting Regulation will be published at the link below as they become available:

http://ec.europa.eu/clima/policies/ets/monitoring/index_en.htm

(a) Information sources:

EU Websites:

EU-Legislation: <http://eur-lex.europa.eu/en/index.htm>

EU ETS general: http://ec.europa.eu/clima/policies/ets/index_en.htm

Monitoring and Reporting in the EU ETS: http://ec.europa.eu/clima/policies/ets/monitoring/index_en.htm

Environmental Protection Agency Website:

<http://www.epa.ie>

Environmental Protection Agency Contact:

GHGpermit@epa.ie

2. Application Details

The Installation Name, Site Name and the address of the site of the installation are detailed below. The Site Name and address can be updated from the Organisation Details Page on the ETSWAP website. The Installation Name can only be updated by your Competent Authority.

Installation name Dublin Airport

Site name Dublin Airport

Address Dublin Airport
Dublin
Ireland

Grid reference of site main entrance E 317645, N 243459

Licence held pursuant to the Environmental Protection Agency Act 1992, as amended. No

Has the regulated activity commenced at the Installation? Yes

Date of Regulated Activity commencement 01 January 2008

This information is only required to identify the first relevant reporting year of an installation. If the installation was in operation from the beginning of 2008 and held a Greenhouse Gas Emissions Permit from this point, 1 January 2008 will be used where the actual date of commencement is not readily known.

3. About the Operator

The information about the "Operator" is listed below. The "Operator" is defined as the person who it is proposed will have control over the relevant Regulated Activities in the installation in respect of which this application is being made.

(b) Operator Details

The name of the operator and where applicable the company registration number are detailed below. These details can only be updated by the Environmental Protection Agency.

Operator name DAA Public Limited Company

Company Registration Number 9401

Operator Legal status

The legal status of the operator is: Company / Corporate Body

(c) Company / Corporate Body

Is the trading / business name different to the operator name? No

Registered office address

Address Line 1	Dublin Airport
Address Line 2	N/A
City/Town	Cloghran
County	Dublin
Postcode	N/A

Principal office address

Is the principal office address different to the registered office address? No

Holding company

Does the company belong to a holding company? No

(d) Operator Authority

Does the operator named above have the authority and ability to:

- | | |
|---|-----|
| a. manage site operations through having day-to-day control of plant operation including the manner and rate of operation | Yes |
| b. ensure that permit conditions are effectively complied with | Yes |
| c. control monitor and report specified emissions | Yes |
| d. be responsible for trading in Allowances so that at the end of a reporting period allowances can be balanced against reported emissions. | Yes |

4. Service Contact

e. Service Contact

Address Dublin Airport
Dublin
Ireland.

5. Installation Activities

f. Installation Description

Below is a description of the installation and its activities, a brief outline description of the site and the installation and the location of the installation on the site. The description also includes a non-technical summary of the activities carried out at the installation briefly describing each activity performed and the technical units used within each activity.

Dublin Airport consists of two main runways, two main terminals and associated piers, the daa campus building, which is office space, daa warehouse and a number of hangars. Hangar heating is not operated by daa, but by the individual operators. The Dublin Airport Campus is approximately 920 hectares.

There are 3 CHPs used on site. One supplies heating to Terminal 2 and two supply Terminal 1. There are three large boilers in Terminal 2 and two large boilers in Terminal 1, these supply supplementary heat as required during high demand periods and when the CHPs are not operational. There are also a number of smaller independent water and space heaters on site, as well as emergency power generation. The combustion units on site are in the main supplied by natural gas with some of the remoter areas supplied by gas oil or kerosene.

Acetylene is used by welding equipment on site.

LPG is used for cooking equipment and a fire simulation rig.

g. Annex 1 Activities

The table below lists the technical details for each Annex 1 activity carried out at the installation.

Note that 'capacity' in this context means:

- Rated thermal input (for combustion installations) which is defined as the rate at which fuel can be burned at the maximum continuous rating of the installation multiplied by the calorific value of the fuel and expressed as megawatts thermal.
- Production capacity for those specified Annex I activities for which production capacity determines ETS eligibility.

Annex 1 Activity	Total Capacity	Capacity units	Specified Emissions
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k. Emission Sources

The table below lists all the emission sources at the installation, which may include directly associated activities/excluded activities.

Emission Source Reference	Emission Source Description
S1	Dual Fuel Boiler 1
S2	Dual Fuel Boiler 2
S3	Combined Heat and Power 1
S4	Combined Heat and Power 2
S5	Dual Fuel Boiler 4
S6	Dual Fuel Boiler 5
S7	Dual Fuel Boiler 6
S8	Combined Heat and Power 3
S9	Diesel Generator
S10	Diesel Generator
S11	Gas Fired Boiler
S12	Gas Fired Boiler
S13	Standby Diesel Generator
S14	Standby Diesel Generator
S15	Standby Diesel Generator
S16	Standby Diesel Generator
S17	Standby Diesel Generator
S18	Standby Diesel Generator
S19	Standby Diesel Generator
S20	Standby Diesel Generator
S21	Standby Diesel Generator
S22	Standby Diesel Generator
S23	Standby Diesel Generator
S24	Sprinkler Pump Engine
S25	Standby Diesel Generator
S26	Standby Diesel Generator
S27	Standby Diesel Generator
S28	Standby Diesel Generator
S29	Standby Diesel Generator
S30	Standby Diesel Generator
S31	Gas Fired Boiler
S32	Gas Fired Boiler
S33	Gas Fired Boiler

Emission Source Reference	Emission Source Description
S42	Gas Fired Boiler
S43	Gas Fired Boiler
S44	Oil Fired Boiler
S45	Oil Fired Boiler
S47	Oil Fired Boiler
S48	Oil Fired Boiler
S49	Oil Fired Boiler
S51	Gas Fired Boiler
S52	Gas Fired Boiler
S55	Gas Fired Boiler
S56	Gas Fired Boiler
S57	Gas Fired Boiler
S58	Gas Fired Boiler
S59	Gas Fired Boiler
S60	Gas Fired Boiler
S61	Gas Fired Boiler
S62	Gas Fired Boiler
S63	Gas Fired Boiler
S65	Gas Fired Boiler
S66	Gas Fired Boiler
S67	Gas Fired Boiler
S68	Gas Fired Boiler
S69	Gas Fired Boiler
S70	Gas Fired Boiler
S71	Gas Fired Boiler
S72	Gas Fired Boiler
S73	Gas Fired Boiler
S74	Gas Fired Boiler
S75	Gas Fired Boiler
S76	Gas Fired Boiler
S77	Gas Fired Boiler
S78	Gas Fired Boiler
S120	Kitchen Equipment
S121	Kitchen Equipment
S122	Kitchen Equipment
S123	Kitchen Equipment
S124	Kitchen Equipment

Emission Source Reference	Emission Source Description
S125	Kitchen Equipment
S126	Kitchen Equipment
S127	Kitchen Equipment
S128	Kitchen Equipment
S129	Kitchen Equipment
S130	Kitchen Equipment
S131	Kitchen Equipment
S132	Kitchen Equipment
S133	Kitchen Equipment
S134	Kitchen Equipment
S135	Kitchen Equipment
S136	Kitchen Equipment
S137	Kitchen Equipment
S138	Kitchen Equipment
S139	Kitchen Equipment
S79	Gas Fired Boiler
S80	Gas Fired Boiler
S34	Standby Diesel Generator
S84	Oil Fired Boiler
S86	Oil Fired Boiler
S140	Acetylene for Welding
S87	Gas Fired Boiler Cargo 6
S88	Gas Fired Boiler Cargo 6
S89	Gas Fired Boiler Cargo Terminal 1
S90	Gas Fired Boiler Cargo 4 Unit 2
S91	Cargo 6 Gas Fired Boiler
S141	Kerosene Fired Boiler
S142	Kerosene Fired Boiler
S92	Gas Fired Boiler
S93	Gas Fired Boiler
S143	Fire Station LPG Gas Cooler 1
S144	Fire Station LPG Gas Cooker 2
S145	Fire Station LPG Gas Grill 1
S146	Fire Station LPG Simulation Rig 1
S85	Oil Fired Boiler
S95	Kitchen Equipment
S96	Kitchen Equipment

Emission Source Reference	Emission Source Description
S97	Kitchen Equipment
S98	Kitchen Equipment
S99	Kitchen Equipment
S100	Kitchen Equipment
S101	Kitchen Equipment
S102	Kitchen Equipment
S103	Kitchen Equipment
S104	Kitchen Equipment
S105	Kitchen Equipment
S106	Kitchen Equipment
S107	Gas Fired Boiler
S108	Gas Fired Boiler
S109	Gas Fired Boiler
S110	Gas Fired Boiler
S111	Gas Fired Boiler
S112	Gas Fired Boiler
S113	Gas Fired Boiler
S94	Gas Fired Boiler

The table below lists the emission sources which are linked to the Regulated Activities at the installation.

Emission Source Reference	Emission Source Description
S1	Dual Fuel Boiler 1
S2	Dual Fuel Boiler 2
S3	Combined Heat and Power 1
S4	Combined Heat and Power 2
S5	Dual Fuel Boiler 4
S6	Dual Fuel Boiler 5
S7	Dual Fuel Boiler 6
S8	Combined Heat and Power 3
S9	Diesel Generator
S10	Diesel Generator
S11	Gas Fired Boiler
S12	Gas Fired Boiler
S13	Standby Diesel Generator
S14	Standby Diesel Generator

Emission Source Reference	Emission Source Description
S15	Standby Diesel Generator
S16	Standby Diesel Generator
S17	Standby Diesel Generator
S18	Standby Diesel Generator
S19	Standby Diesel Generator
S20	Standby Diesel Generator
S21	Standby Diesel Generator
S22	Standby Diesel Generator
S23	Standby Diesel Generator
S24	Sprinkler Pump Engine
S25	Standby Diesel Generator
S26	Standby Diesel Generator
S27	Standby Diesel Generator
S28	Standby Diesel Generator
S29	Standby Diesel Generator
S30	Standby Diesel Generator
S31	Gas Fired Boiler
S32	Gas Fired Boiler
S33	Gas Fired Boiler
S42	Gas Fired Boiler
S43	Gas Fired Boiler
S44	Oil Fired Boiler
S45	Oil Fired Boiler
S47	Oil Fired Boiler
S48	Oil Fired Boiler
S49	Oil Fired Boiler
S51	Gas Fired Boiler
S52	Gas Fired Boiler
S55	Gas Fired Boiler
S56	Gas Fired Boiler
S57	Gas Fired Boiler
S58	Gas Fired Boiler
S59	Gas Fired Boiler
S60	Gas Fired Boiler
S61	Gas Fired Boiler
S62	Gas Fired Boiler
S63	Gas Fired Boiler

Emission Source Reference	Emission Source Description
S65	Gas Fired Boiler
S66	Gas Fired Boiler
S67	Gas Fired Boiler
S68	Gas Fired Boiler
S69	Gas Fired Boiler
S70	Gas Fired Boiler
S71	Gas Fired Boiler
S72	Gas Fired Boiler
S73	Gas Fired Boiler
S74	Gas Fired Boiler
S75	Gas Fired Boiler
S76	Gas Fired Boiler
S77	Gas Fired Boiler
S78	Gas Fired Boiler
S120	Kitchen Equipment
S121	Kitchen Equipment
S122	Kitchen Equipment
S123	Kitchen Equipment
S124	Kitchen Equipment
S125	Kitchen Equipment
S126	Kitchen Equipment
S127	Kitchen Equipment
S128	Kitchen Equipment
S129	Kitchen Equipment
S130	Kitchen Equipment
S131	Kitchen Equipment
S132	Kitchen Equipment
S133	Kitchen Equipment
S134	Kitchen Equipment
S135	Kitchen Equipment
S136	Kitchen Equipment
S137	Kitchen Equipment
S138	Kitchen Equipment
S139	Kitchen Equipment
S79	Gas Fired Boiler
S80	Gas Fired Boiler
S34	Standby Diesel Generator

Emission Source Reference	Emission Source Description
S84	Oil Fired Boiler
S86	Oil Fired Boiler
S140	Acetylene for Welding
S87	Gas Fired Boiler Cargo 6
S88	Gas Fired Boiler Cargo 6
S89	Gas Fired Boiler Cargo Terminal 1
S90	Gas Fired Boiler Cargo 4 Unit 2
S91	Cargo 6 Gas Fired Boiler
S141	Kerosene Fired Boiler
S142	Kerosene Fired Boiler
S92	Gas Fired Boiler
S93	Gas Fired Boiler
S143	Fire Station LPG Gas Cooler 1
S144	Fire Station LPG Gas Cooker 2
S145	Fire Station LPG Gas Grill 1
S146	Fire Station LPG Simulation Rig 1
S85	Oil Fired Boiler
S95	Kitchen Equipment
S96	Kitchen Equipment
S97	Kitchen Equipment
S98	Kitchen Equipment
S99	Kitchen Equipment
S100	Kitchen Equipment
S101	Kitchen Equipment
S102	Kitchen Equipment
S103	Kitchen Equipment
S104	Kitchen Equipment
S105	Kitchen Equipment
S106	Kitchen Equipment
S107	Gas Fired Boiler
S108	Gas Fired Boiler
S109	Gas Fired Boiler
S110	Gas Fired Boiler
S111	Gas Fired Boiler
S113	Gas Fired Boiler
S112	Gas Fired Boiler
S94	Gas Fired Boiler

I. Emission Points

The table below lists all the emission points at the installation, which may include directly associated activities/excluded activities.

Emission Point Reference	Emission Point Description
EC1.1	Dual Fuel Boiler 1 Stack (S1)
EC1.2	Dual Fuel Boiler 2 Stack (S2)
EC1.4	Combined Heat and Power 1 Stack (S3)
EC1.5	Combined Heat and Power 2 Stack (S4)
EC4.1	Dual Fuel Boiler 3 Stack (S5)
EC4.2	Dual Fuel Boiler 4 Stack (S6)
EC4.3	Dual Fuel Boiler 5 Stack (S7)
EC4.4	Combined Heat and Power 3 Stack (S8)
EC4.5	Diesel Generator Exhaust (S9)
EC4.6	Diesel Generator Exhaust (S10)
EC3.1	Gas Fired Boiler Stack (S11)
EC3.2	Gas Fired Boiler Stack (S12)
SG1	Standby Generator Exhaust (S13)
SG2	Standby Generator Exhaust (S14)
SG4	Standby Generator Exhaust (S15)
SG5	Standby Generator Exhaust (S16)
SG6	Standby Generator Exhaust (S17)
SG7	Standby Generator Exhaust (S18)
SG8	Standby Generator Exhaust (S19)
SG9	Standby Generator Exhaust (S20)
SG10	Standby Generator Exhaust (S21)
SG11	Standby Generator Exhaust (S22)
SG12	Standby Generator Exhaust (S23)
SG13	Pier D Sprinkler Pump Engine Exhaust (S24)
SG14	Airfield Sub A Standby Generator Exhaust (S25)
SG15	Ejector Eastlands Standby Generator Exhaust (S26)
SG16	Reservoir Standby Generator Exhaust (S27)
SG17	Sub 8A Standby Generator Exhaust (S28)
SG18	T1X Standby Generator Exhaust (S29)
SG19	Airfield Sub B Standby Generator Exhaust (S30)
SOB5.1	Old Snow Base 1 Oil Fired Boiler Stack (S44)
SOB5.2	Old Snow Base 2 Oil Fired Boiler Stack (S45)

Emission Point Reference	Emission Point Description
SKB1	Fire Station 1 Kerosene Fired Boiler Stack (S141)
SOB6	Moate Lodge 1 Oil Fired Boiler Stack (S47)
SOB7	Church Oil Fired Boiler Stack (S48)
SOB9	Outdoor Cleaners Oil Fired Boiler Stack (S49)
SGB1	Maint Complex 1 Gas Fired Boiler Stack (S51)
SGB2	Maint Complex 2 Gas Fired Boiler Stack (S52)
SGB4	Taxi Rank Gas Fired Boiler Stack (S92)
SGB6	Castlemoate House Gas Fired Boiler Stack (S93)
SGB7	International House Gas Fired Boiler Stack (S55)
SGB8	Garden Centre Gas Fired Boiler Stack (S56)
SGB9	Duty Free Store Gas Fired Boiler Stack (S57)
SGB10	Ramp Accommodation Gas Fired Boiler Stack (S58)
SGB11	Cloghran House 1 Gas Fired Boiler Stack (S59)
SGB12	Cloghran House 2 Gas Fired Boiler Stack (S60)
SGB13	Cloghran House 3 Gas Fired Boiler Stack (S61)
SGB14	Aer Rianta Warehouse Gas Fired Boiler Stack (S62)
SGB15	Fogartys Gas Fired Boiler Stack (S63)
SGB18	Maint Base 3 Gas Fired Boiler Stack (S65)
SGB19	Pier 100 DHW Gas Fired Boiler Stack (S66)
SGB20	Hangar 1 No 1 Gas Fired Boiler Stack (S67)
SGB21	Hangar 1 No. 2 Gas Fired Boiler Stack (S68)
SGB22	Hangar 1 DHW Gas Fired Boiler Stack (S69)
SGB23	Silloge House No. 1 Gas Fired Boiler Stack (S70)
SGB24	Silloge House No. 2 Gas Fired Boiler Stack (S71)
SGB25	Silloge DHW 1 Gas Fired Boiler Stack (S72)
SGB26	Silloge House DHW 2 Gas Fired Boiler Stack (S73)
SGB27	Silloge House Heater 1 Gas Fired Boiler Stack (S74)
SGB28	Silloge House Heater 2 Gas Fired Boiler Stack (S75)
SGB29	Silloge House Heater 3 Gas Fired Boiler Stack (S76)
SGB30	Silloge House Heater 4 Gas Fired Boiler Stack (S77)
SGB31	Carpenters & Painters Gas Fired Boiler Stack (S78)
KE1	Kitchen Equipment (S120)
KE2	Kitchen Equipment (S121)
KE3	Kitchen Equipment (S122)
KE4	Kitchen Equipment (S123)
KE5	Kitchen Equipment (S124)
KE6	Kitchen Equipment (S125)

Emission Point Reference	Emission Point Description
KE7	Kitchen Equipment (S126)
KE8	Kitchen Equipment (S127)
KE9	Kitchen Equipment (S128)
KE10	Kitchen Equipment (S129)
KE11	Kitchen Equipment (S130)
KE12	Kitchen Equipment (S131)
KE13	Kitchen Equipment (S132)
KE14	Kitchen Equipment (S133)
KE15	Kitchen Equipment (S134)
KE16	Kitchen Equipment (S135)
KE17	Kitchen Equipment (S136)
KE18	Kitchen Equipment (S137)
KE19	Kitchen Equipment (S138)
KE20	Kitchen Equipment (S139)
SG20	Dardistown Standby Generator Exhaust (S34)
SGB64	SkyBridge House 1 Gas Fired Boiler Stack (S79)
SGB65	Skybridge House 2 Gas Fired Boiler Stack (S80)
SOB 11	Apronn Snow Base 1 Oil Fired Boiler (S84)
SOB 13	Apron Snow Base 3 Oil Fired Boiler (S86)
ACT1	Welding Equipment (S140)
SGB73	Cargo 6 1 Gas Fired Boiler Cargo 6 (S87)
SGB74	Cargo 6 Gas Fired Boiler Cargo 6 (S88)
SGB75	Cargo Terminal 1 Gas Fired Boiler Cargo Terminal 1 (S89)
SGB76	Gas Fired Boiler Cargo 4 Unit 2 (S90)
SGB77	Cargo 6 DHW Gas Fired Boiler Exhaust (S91)
SGB 66	8 Bay Water Heater Gas Fired Boiler T1 flue (S31)
SGB 67	8 Bay Water Heater Gas Fired Boiler T1 flue (S32)
SGB 68	8 Bay Water Heater Gas Fired Boiler T1 flue (S33)
SKB2	Fire Station 2 Kerosene Fired Boiler Stack (S142)
KE 21	Fire Station LPG Gas Cooker (S143)
KE 22	Fire station LPG Gas Cooker 2 (S144)
KE 23	Fire staion LPG Gas Grill 1 (S145)
SIM 1	Fire STation Simulation Rig LPG 1 (S146)
SOB12	Apron Snow Base Space Heater 2
KE 24	Kitchen Equipment (S95)
KE 25	Kitchen Equipment (S96)
KE 26	Kitchen Equipment (S97)

Emission Point Reference	Emission Point Description
KE 27	Kitchen Equipment (S98)
KE 28	Kitchen Equipment (S99)
KE 29	Kitchen Equipment (S100)
KE 30	Kitchen Equipment (S101)
KE 31	Kitchen Equipment (S102)
KE 32	Kitchen Equipment (S103)
KE 33	Kitchen Equipment (S104)
KE 34	Kitchen Equipment (S105)
KE 35	Kitchen Equipment (S106)
SGB79	Gas Fired Boiler (S107)
SGB80	Gas Fired Boiler (S108)
SGB 81	Gas Fired Boiler (S109)
SGB 69	Gas Fired Boiler (S110)
SGB 70	Gas Fired Boiler (S111)
SGB 71	Gas Fired Boiler (S112)
SGB 72	Gas Fired Boiler (S113)
SGB 82	Gas Fired Boiler (S42)
SGB 83	Gas Fired Boiler (S43)
SGB 17	Gas Fired Boiler (S94)

m. Source Streams (fuels and/or materials)

The table below lists the source streams which are used in Schedule 1 Activities at the installation.

Source Stream Reference	Source Stream Type	Source Stream Description
NG 1	Combustion: Other gaseous & liquid fuels	Natural Gas
NG2	Combustion: Other gaseous & liquid fuels	Natural Gas
GO1	Combustion: Commercial standard fuels	Gas/Diesel Oil
ACT1 Acetylene	Combustion: Other gaseous & liquid fuels	Acetylene
K1 Kerosene	Combustion: Commercial standard fuels	Kerosene (other than jet kerosene)
LPG1	Combustion: Commercial standard fuels	Liquefied Petroleum Gases

n. Emissions Summary

The table below provides a summary of the emission source and source stream details in the installation.

Source streams (Fuel / Material)	Emission Source Refs.	Emission Point Refs.	Annex 1 Activity
NG 1	S1,S11,S12,S124,S125,S126,S127,S128,S129,S130,S131,S132,S133,S134,S135,S136,S137,S138,S139,S2,S3,S31,S32,S33,S4,S5,S6,S7,S8	EC1.1,EC1.2,EC1.4,EC1.5,EC3.1,EC3.2,EC4.1,EC4.2,EC4.3,EC4.4,KE10,KE11,KE12,KE13,KE14,KE15,KE16,KE17,KE18,KE19,KE20,KE5,KE6,KE7,KE8,KE9,SGB 66,SGB 67,SGB 68	Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)
GO1	S1,S10,S13,S14,S15,S16,S17,S18,S19,S2,S20,S21,S22,S23,S24,S25,S26,S27,S28,S29,S30,S34,S44,S45,S47,S48,S49,S5,S6,S7,S84,S85,S86,S9	EC1.1,EC1.2,EC4.1,EC4.2,EC4.3,EC4.5,EC4.6,SG1,SG2,SG4,SG5,SG6,SG7,SG8,SG9,SG10,SG11,SG12,SG13,SG14,SG15,SG16,SG17,SG18,SG19,SOB5.1,SOB5.2,SKB1,SOB6,SOB7,SOB9,SG20,SOB11,SOB 13,SOB12	Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)
NG2	S42,S43,S51,S52,S55,S56,S57,S58,S59,S60,S61,S62,S63,S65,S66,S67,S68,S69,S70,S71,S72,S73,S74,S75,S76,S77,S78,S120,S121,S122,S123,S79,S80,S87,S88,S89,S90,S91,S92,S93,S95,S96,S97,S98,S99,S100,S101,S102,S103,S104,S105,S106,S107,S108,S109,S110,S111,S112,S113,S94	KE 24,KE 25,KE 26,KE 27,KE 28,KE 29,KE 30,KE 31,KE 32,KE 33,KE 34,KE 35,KE1,KE2,KE3,KE4,SGB 17,SGB 69,SGB 70,SGB 71,SGB 72,SGB 81,SGB 82,SGB 83,SGB1,SGB10,SGB11,SGB12,SGB13,SGB14,SGB15,SGB18,SGB19,SGB2,SGB20,SGB21,SGB22,SGB23,SGB24,SGB25,SGB26,SGB27,SGB28,SGB29,SGB30,SGB31,SGB4,SGB6,SGB64,SGB65,SGB7,SGB73,SGB74,SGB75,SGB76,SGB77,SGB79,SGB8,SGB80,SGB9	Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)
ACT1 Acetylene	S140	ACT1	Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)
K1 Kerosene	S141,S142	SKB1,SKB2	Combustion of fuels in installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)
LPG1	S143,S144,S145,S146	KE 21,KE 22,KE 23,SIM 1	Combustion of fuels in

Source streams (Fuel / Material)	Emission Source Refs.	Emission Point Refs.	Annex 1 Activity
			installations with a total rated thermal input exceeding 20 MW (except in installations for the incineration of hazardous or municipal waste)

o. Excluded Activities

Certain activities that result in greenhouse gas emissions may be excluded under the EU ETS Directive for example truly mobile sources such as vehicle emissions.

Do you have any excluded activities which need to be identified in your monitoring plan? No

7. Low Emissions Eligibility

p. Low Emissions Eligibility

The operator may submit a simplified monitoring plan for an installation where no nitrous oxide activities are carried out and it can be demonstrated that:

- (a) the average verified annual emissions of the installation during the previous trading period was less than 25 000 tonnes CO_{2(e)} per year or;
- (b) where this data is not available or inappropriate a conservative estimate shows that emissions for the next 5 years will be less than 25 000 tonnes CO_{2(e)} per year.

Note: the above data shall include transferred CO₂ but exclude CO₂ stemming from biomass.

Does the installation satisfy the criteria for installations with low emissions (as defined by Article 47 of the MRR)? Yes

If the installation is an installation with low emissions as defined above there are a number of special provisions which may be applied to provide a simplified monitoring plan. These provisions are set out in Article 47 of the MRR.

8. Monitoring Approaches

q. Monitoring Approaches

Emissions may be determined using either a calculation based methodology ("calculation") or measurement based methodology ("measurement") except where the use of a specific methodology is mandatory according to the provisions of the MRR. [MRR Article 21].

Note: the operator may subject to competent authority approval combine measurement and calculation for different sources. The operator is required to ensure and demonstrate that neither gaps nor double counting of reportable emissions occurs.

Please specify whether or not you propose to apply the following monitoring approaches. Select all monitoring approaches that are applicable to you. The consecutive sections will become mandatory based on the selected approaches.

Calculation	Yes
Measurement	No
Fall-back approach	No
Monitoring of N ₂ O	No
Monitoring of PFC	No
Monitoring of transferred / inherent CO ₂	No

9. Calculation

r. Approach Description

The calculation approach including formulae used to determine annual CO₂ emissions:

The installation is a category A installation producing less than 25,000 tonnes of CO₂.

The site emits Carbon Dioxide from Schedule 1 activities made up from natural gas boilers, natural gas fired Combined Heat and Power units, natural gas fired water heaters, gas oil fired boilers, standby generators and cooking equipment.

Natural Gas: The site consists of numerous 3rd party natural gas meters used for invoicing purposes. Consumption data from the natural gas invoices will be used to determine the carbon emitted by multiplying by the NCV supplied by the gas supplier. EF: The country specific emission factor for Natural Gas (tCO₂/TJ) as listed in the "Country Specific Net Calorific Values and CO₂ Emission Factors for use in the Annual Installation Emissions Report" for the year being reported on and is available on the EPA website and is updated every year. An oxidation factor of 1 is then applied. To ease monitoring and reporting NG is split into two streams, NG1 the major stream serving the main accounts (boilers and CHPs etc.) and NG2 the smaller streams. NG1 is applied at Tier 4 while NG2 is applied at Tier 2

Gas oil: Gas oil is used for standby generators and some small boilers. The gas oil fuel falls under the de-minimis category and a "no tier" approach has been taken. Oil deliveries will be recorded during the year and consumption will be estimated based on the opening stock balance at year start and a closing stock balance at year end, with the difference, including deliveries, being the consumption. Monthly tank dips are completed by a designated member of the Asset Care Campus Engineering Team. This is recorded monthly and used to generate the opening and closing stock on a rolling basis with the invoices. The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO₂ emissions.

Acetylene: This is used for welding.

Acetylene usage falls under the de-minimis category and a "no tier" approach has been taken. Deliveries (invoices) will be used to calculate consumption. Acetylene: The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO₂ emissions.

Kerosene: This is used for heating.

Kerosene usage falls under the de-minimis category and a "no tier" approach has been taken. Kerosene deliveries will be recorded during the year and consumption will be estimated based on the opening stock balance at year start and a closing stock balance at year end, with the difference, including deliveries, being the consumption. Monthly tank dips are completed by a designated member of the Asset Care Campus Engineering Team. This is recorded monthly and used to generate the opening and closing stock on a rolling basis with the invoices. Kerosene: The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO2 emissions.

LPG: This is used for cooking facilities and for the fire simulator rig.

Usage falls under the de-minimis category and a "no tier" approach has been taken. LPG is delivered to a bulk tank (for simulator) and cylinders (for cooking). Deliveries (invoices) will be used to calculate consumption. The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO2 emissions.

s. Measurement Devices

Below is a description of the specification and location of the measurement systems used for each source stream where emissions are determined by calculation

Also a description of all measurement devices including sub-meters and meters used to deduct non-Annex I activities to be used for each source and source stream.

Source Stream Refs.	Emission Source Refs.	Measurement Device Ref.	Type of Measurement Device	Measurement Range	Metering Range Units	Specified Uncertainty (+/- %)	Location
NG 1	S1,S2,S3,S4,S31,S32,S33	41215 (Aer Rianta Passenger Terminal)	Turbine meter	50 - 1000	Sm ³ /hr	1.41	Energy Centre T1
NG 1	S5,S6,S7,S8,S124,S125,S126,S127,S128,S129,S130,S131,S132,S133,S134,S135,S136,S137,S138,S139	1176572 (Alandale Logistics Ltd)	Turbine meter	50 - 1000	Sm ³ /hr	1.41	Energy Centre T2
NG 1	S11,S12	41211 (Aer Rianta Flight Kitchen)	Turbine meter	30 - 650	Sm ³ /hr	1.41	Flight Kitchen
GO1,K1 Kerosene	S1,S10,S13,S14,S141,S142,S15,S16,S17,S18,S19,S2,S20,S21,S22,S23,S24,S25,S26,S27,S28,S29,S30,S34,S44,S45,S47,S48,S49,S5,S6,S7,S84,S85,S86,S9	Invoices	Invoices	N/A	N/A	N/A	Delivery Truck
NG2	S51,S52,S65	473342	Rotary meter	2-40	m ³ /hr	1	Outside Maintenance Base Workshop
NG2	S92	41212	Rotary meter	2-40	m ³ /hr	1	Taxi Holding Area
NG2	S93	189468	Bellows meter	1.3-25	m ³ /hr	1	Castlemoate House

Source Stream Refs.	Emission Source Refs.	Measurement Device Ref.	Type of Measurement Device	Measurement Range	Metering Range Units	Specified Uncertainty (+/- %)	Location
NG2	S55	464270	Rotary meter	2-40	m3/hr	1	International House
NG2	S56	257650	Bellows meter	0.4-60	m3/hr	1	Garden Centre
NG2	S57	235963	Rotary meter	2-16	m3/hr	1	Cargo 4 Unit 1 (Duty Free Stores/SHP)
NG2	S58	542774	Bellows meter	0.1-16	m3/hr	1	South Apron Accomadation
NG2	S59,S60,S61	546732	Rotary meter	8-160	m3/hr	1	Cloghran House
NG2	S62	565370	Rotary meter	3.2-40	m3/hr	1	Cargo 3
NG2	S63	829195	Bellows meter	1.3-25	m3/hr	1	OCTB (Fogartys)
NG2	S66	1146982	Rotary meter	20-400	m3/hr	1	Pier D
NG2	S67,S68,S69	1165393	Rotary meter	8-160	m3/hr	1	Hangar 1
NG2	S70,S71,S72,S73,S74,S75,S76,S77	209551	Rotary meter	6-100	m3/hr	1	Silloge House
NG2	S78	1162528	Bellows meter	1.3-25	m3/hr	1	Carpenters Boilerhouse
NG2	S79,S80	1165392	Rotary meter	8-160	m3/hr	1	TASC Building
NG2	S120,S121,S122,S123,S94	41216	Rotary meter	5-100	m3/hr	1	Marquette and T1X
ACT1 Acetylene	S140	Acetylene Invoices	Invoices	N/A	N/A	N/A	N/A
NG2	S87,S88,S91	253124	Rotary meter	5-100	m3/hr	1	Cargo 6 IT
NG2	S89	5288520	Rotary meter	5-100	m3/hr	1	Cargo Terminal 1
NG2	S90	235964	Rotary meter	2-40	m3/hr	1	Cargo 4 Unit 2 OCS
NG2	S95,S96,S97,S98,S9	1171972	Rotary meter	0.1-16	m3/hr	1	Garden Terrace

Source Stream Refs.	Emission Source Refs.	Measurement Device Ref.	Type of Measurement Device	Measurement Range	Metering Range Units	Specified Uncertainty (+/- %)	Location
	9,S100,S101,S102,S103,S104						Terminal 1X
LPG1	S143,S144,S145,S146	LPG Invoices	Invoices	N/A	N/A	N/A	Fire Station
NG2	S105,S106	1171973	Bellows meter	1.3-25	m3/hr	1	Burger King T1X
NG2	S108	217016	Rotary meter	2-40	m3/hr	1	Cargo 4 Unit 3
NG2	S109,S110,S111,S112,S113	5402534	Rotary meter	13-250	m3/hr	1	DAC One (HOB Refrubishment)
NG2	S107	217017	Bellows meter	2-16	m3/hr	1	Medical House
NG2	S42,S43	5465169	Bellows meter	1.3-25	m3/hr	1	Airfield Maintenance Base

Source Stream Refs.	Measurement Device Ref.	Determination Method	Instrument Control Of	Under	Conditions Of Article 29(1) Satisfied	Invoices Used To Determine Amount Of Fuel Or Material	Trade Partner And Operator Independent
NG 1	41215 (Aer Rianta Passenger Terminal)	Continual	Trade partner		Yes	Yes	Yes
NG 1	1176572 (Alandale Logistics Ltd)	Continual	Trade partner		Yes	Yes	Yes
NG 1	41211 (Aer Rianta Flight Kitchen)	Continual	Trade partner		Yes	Yes	Yes
GO1,K1 Kerosene	Invoices	Batch	Trade partner		Yes	Yes	Yes
NG2	473342	Continual	Trade partner		Yes	Yes	Yes
NG2	41212	Continual	Trade partner		Yes	Yes	Yes
NG2	189468	Continual	Trade partner		Yes	Yes	Yes
NG2	464270	Continual	Trade partner		Yes	Yes	Yes
NG2	257650	Continual	Trade partner		Yes	Yes	Yes

Source Stream Refs.	Measurement Device Ref.	Determination Method	Instrument Under Control Of	Conditions Of Article 29(1) Satisfied	Invoices Used To Determine Amount Of Fuel Or Material	Trade Partner And Operator Independent
NG2	235963	Continual	Trade partner	Yes	Yes	Yes
NG2	542774	Continual	Trade partner	Yes	Yes	Yes
NG2	546732	Continual	Trade partner	Yes	Yes	Yes
NG2	565370	Continual	Trade partner	Yes	Yes	Yes
NG2	829195	Continual	Trade partner	Yes	Yes	Yes
NG2	1146982	Continual	Trade partner	Yes	Yes	Yes
NG2	1165393	Continual	Trade partner	Yes	Yes	Yes
NG2	209551	Continual	Trade partner	Yes	Yes	Yes
NG2	1162528	Continual	Trade partner	Yes	Yes	Yes
NG2	1165392	Continual	Trade partner	Yes	Yes	Yes
NG2	41216	Continual	Trade partner	Yes	Yes	Yes
ACT1 Acetylene	Acetylene Invoices	Batch	Trade partner	Yes	Yes	Yes
NG2	253124	Continual	Trade partner	Yes	Yes	Yes
NG2	5288520	Continual	Trade partner	Yes	Yes	Yes
NG2	235964	Continual	Trade partner	Yes	Yes	Yes
NG2	1171972	Continual	Trade partner	Yes	Yes	Yes
LPG1	LPG Invoices	Batch	Trade partner	Yes	Yes	Yes
NG2	1171973	Continual	Trade partner	Yes	Yes	Yes
NG2	217016	Continual	Trade partner	Yes	Yes	Yes
NG2	5402534	Continual	Trade partner	Yes	Yes	Yes
NG2	217017	Continual	Trade partner	Yes	Yes	Yes
NG2	5465169	Continual	Trade partner	Yes	Yes	Yes

t. Applied Tiers

The table below identifies the tiers applied against the relevant input data for each source stream and confirms whether a standard (MRR Article 24) or mass balance (MRR Article 25) approach is applied.

(i) The highest tiers as defined in Annex II of the MRR should be used by Category B and C installations to determine the activity data and each calculation factor (except the oxidation factor and conversion factor) for each major source stream. Category A installations should apply as a minimum the tiers listed in Annex V.

(ii) Operators may apply a tier one level lower than those referred to in sub paragraph (i) above for Category C installations and up to two levels lower for Category A and B installations with a minimum of tier 1 if the operator can demonstrate to the satisfaction of the competent authority that this is not technically feasible or would lead to unreasonable cost to apply the higher tier. The justification for not applying the higher tier should be recorded when completing the tier table.

(iii) The competent authority may allow an operator to apply even lower tiers than those referred to in the sub paragraph (ii) with a minimum of tier 1 for a transition period of up to three years if the operator can demonstrate to the satisfaction of the competent authority that this is not technically feasible or would lead to unreasonable cost to apply the higher tier and provides an improvement plan detailing how and by when at least the tier referred to in sub paragraph (ii) will be achieved. The improvement plan should be referenced in subsequent table and provided to the competent authority at the time of submission of this plan.

(iv) For minor source streams operators shall apply the highest tier which is technically feasible and will not lead to unreasonable costs with a minimum of tier 1 for activity data and each calculation factor. For de-minimis source streams operators may use conservative estimations rather than tiers unless a defined tier can be achieved without additional effort (MRR Article 26(2)).

(v) Installations with low emissions as identified in section 6(d) may apply as a minimum tier 1 for determining activity data and calculation factors for all source streams unless higher accuracy is achievable without additional effort.

* Note 1: For commercial standard fuels the minimum tiers listed in Annex V of the MRR may be applied for all activities in all installations.

* Note 2: If you are intending to apply a fall-back approach please complete the table below and select "n/a" for the tiers to be applied for each source stream where a fall-back approach is used. Section 10 "Fall-back" must also be completed for these source streams.

* Note 3: For biomass or mixed fuels the emission factor is the preliminary emission factor as defined in Definition 35 Article 3 of the MRR.

Source Stream Refs.	Emission Source Refs.	Measurement Device Refs.	Overall Metering Uncertainty (less than +/- %)	Applied Monitoring Approach	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied	Estimated Emissions tCO _{2(e)}	% of Total Estimated Emissions	Source Category	Highest Tiers Applied	Justification for not applying the highest tiers	Improvement Plan Reference (where applicable)
NG 1	S1,S2,S3,S4,S5,S6,S7,	41215 (Aer Rianta)	<1.5%	Standard	4	2b	2a	N/A	1	N/A	N/A	8200	83.25	Major	Yes	n/a	n/a

Source Stream Refs.	Emission Source Refs.	Measurement Device Refs.	Overall Metering Uncertainty (less than +/- %)	Applied Monitoring Approach	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied	Estimated Emissions tCO _{2(e)}	% of Total Estimated Emissions	Source Category	Highest Tiers Applied	Justification for not applying the highest tiers	Improvement Plan Reference (where applicable)
	S8,S11, S12,S31,S32,S33,S124,S125, S126,S127,S128,S129,S130, S131,S132,S133,S134,S135, S136,S137,S138,S139	Passenger Terminal),1176572 (Alandale Logistics Ltd),41211 (Aerianta Flight Kitchen)															
GO1	S1,S2,S5,S6,S7,S9,S10,S13,S14,S15,S16,S17, S18,S19,S20,S21,S22, S23,S2	Invoices	N/A	Standard	No tier	2a	2a	N/A	1	N/A	N/A	180	1.83	De-minimis	N/A	n/a	n/a

Source Stream Refs.	Emission Source Refs.	Measurement Device Refs.	Overall Metering Uncertainty (less than +/- %)	Applied Monitoring Approach	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied	Estimated Emissions tCO _{2(e)}	% of Total Estimated Emissions	Source Category	Highest Tiers Applied	Justification for not applying the highest tiers	Improvement Plan Reference (where applicable)
	4,S25,S26,S27,S28,S29,S30,S44,S45,S47,S48,S49,S34,S84,S86,S85																
NG2	S42,S43,S51,S52,S55,S56,S57,S58,S59,S60,S61,S62,S63,S65,S66,S67,S68,S69,S70,S71,S72,S73,S74,S75,S76,S77,S78,S120,	11469 82,116 2528,1 16539 2,1165 393,11 71972, 11719 73,189 468,20 9551,2 17016, 21701 7,2359 63,235 964,25 3124,2	N/A	Standard	2	2b	2a	N/A	1	N/A	N/A	1300	13.2	Minor	N/A	n/a	n/a

Source Stream Refs.	Emission Source Refs.	Measurement Device Refs.	Overall Metering Uncertainty (less than +/- %)	Applied Monitoring Approach	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied	Estimated Emissions tCO _{2(e)}	% of Total Estimated Emissions	Source Category	Highest Tiers Applied	Justification for not applying the highest tiers	Improvement Plan Reference (where applicable)
	S121,S122,S123,S79,S80,S87,S88,S89,S90,S91,S92,S93,S95,S96,S97,S98,S99,S100,S101,S102,S103,S104,S105,S106,S107,S108,S109,S110,S111,S112,S113,S94	57650,41212,41216,46427,0,4733,42,528,8520,5,40253,4,5427,74,546,5169,5,46732,56537,0,829195															
ACT1 Acetylene	S140	Acetylene Invoices	N/A	Standard	No tier	1	1	N/A	1	N/A	N/A	0.188	0	De-minimis	N/A	n/a	n/a

Source Stream Refs.	Emission Source Refs.	Measurement Device Refs.	Overall Metering Uncertainty (less than +/- %)	Applied Monitoring Approach	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied	Estimated Emissions tCO _{2(e)}	% of Total Estimated Emissions	Source Category	Highest Tiers Applied	Justification for not applying the highest tiers	Improvement Plan Reference (where applicable)
K1 Kerosene	S141,S142	Invoice	N/A	Standard	No tier	2a	2a	N/A	1	N/A	N/A	130	1.32	De-minimis	N/A	n/a	n/a
LPG1	S143,S144,S145,S146	LPG Invoice	N/A	Standard	No tier	2a	2a	N/A	1	N/A	N/A	40	0.41	De-minimis	Yes	n/a	n/a

Total Estimated Emissions for Calculation (tonnes CO_{2(e)})

9850.188

u. Applied tiers

Applied tiers for each source stream

Source Stream Ref.	Emission Source Refs.	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied
NG 1	S1,S2,S3,S4,S5,S6,S7,S8,S11,S12,S31,S32,S33,S124,S125,S126,S127,S128,S129,S130,S131,S132,S133,S134,S135,S136,S137,S138,S139	4	2b	2a	N/A	1	N/A	N/A
GO1	S1,S2,S5,S6,S7,S9,S10,S13,S14,S15,S16,S17,S18,S19,S20,S21,S22,S23,S24,S25,S26,S27,S28,S29,S30,S44,S45,S47,S48,S49,S34,S84,S86,S85	No tier	2a	2a	N/A	1	N/A	N/A
NG2	S42,S43,S51,S52,S55,S56,S57,S58,S59,S60,S61,S62,S63,S65,S66,S67,S68,S69,S70,S71,S72,S73,S74,S75,S76,S77,S78,S120,S121,S122,S123,S79,S80,S87,S88,S89,S90,S91,S92,S93,S95,S96,S9	2	2b	2a	N/A	1	N/A	N/A

Source Stream Ref.	Emission Source Refs.	Activity Data Tier Applied	Net Calorific Value Tier Applied	Emission Factor Tier Applied	Carbon Content Tier Applied	Oxidation Factor Tier Applied	Conversion Factor Tier Applied	Biomass Fraction Tier Applied
	7,S98,S99,S100,S101,S102,S103,S104,S105,S106,S107,S108,S109,S110,S111,S112,S113,S94							
ACT1 Acetylene	S140	No tier	1	1	N/A	1	N/A	N/A
K1 Kerosene	S141,S142	No tier	2a	2a	N/A	1	N/A	N/A
LPG1	S143,S144,S145,S146	No tier	2a	2a	N/A	1	N/A	N/A

v. Justification for Applied tiers

Justifications for the applied tiers for each major source stream where highest tiers are not currently achieved.

Source Stream Ref.	Emission Source Refs.	Justification for the applied tier	Improvement Plan Reference (where applicable)
N/A	N/A	N/A	N/A

10. Calculation Factors

w. Default Values

The table below lists, for each parameter, where default values are to be used for calculation factors.

Source Stream Refs.	Emission Source Refs.	Parameter	Reference Source	Default Value applied (where appropriate)
NG 1,NG2	S1,S100,S101,S102,S103,S104,S105,S106,S107,S108,S109,S110,S111,S112,S113,S12,S120,S121,S122,S123,S124,S125,S126,S127,S128,S129,S130,S131,S132,S133,S134,S135,S136,S137,S138,S139,S2,S3,S31,S32,S33,S4,S42,S43,S5,S51,S52,S55,S56,S57,S58,S59,S6,S60,S61,S62,S63,S65,S66,S67,S68,S69,S7,S70,S71,S72,S73,S74,S75,S76,S77,S78,S79,S8,S80,S87,S88,S89,S90,S91,S92,S93,S94,S95,S96,S97,S98,S99	EF & OxF	Ireland's National Greenhouse Gas Inventory	n/a
GO1	S1,S10,S13,S14,S15,S16,S17,S18,S19,S2,S20,S21,S22,S23,S24,S25,S26,S27,S28,S29,S30,S34,S44,S45,S47,S48,S49,S5,S6,S7,S84,S85,S86,S9	NCV, EF & OxF	Ireland's National Greenhouse Gas Inventory	n/a
ACT1 Acetylene	S140	NCV, EF & OxF	Ireland's National Greenhouse Gas Inventory	n/a
K1 Kerosene	S141,S142	NCV, EF & OxF	Ireland's National Greenhouse Gas Inventory	n/a
LPG1	S143,S144,S145,S146	NCV, EF & OxF	Ireland's National Greenhouse Gas Inventory	n/a

Sampling and Analysis

Do you undertake sampling and analysis of any of the parameters used in the calculation of your CO₂ emissions? No

11. Management

x. Monitoring and Reporting Responsibilities

Responsibilities for monitoring and reporting emissions from the installation are listed below:

Relevant job titles/posts and provide a succinct summary of their role relevant to monitoring and reporting are listed below.

Job Title / Post	Responsibilities
Energy Manager	Ensuring site compliance with the GHG Permit Ensuring site compliance with the Directive Compiling AEM and submitting to EPA Surrendering of Allowances Overall Responsibility for CO2 Emissions Monitoring and Reporting

Attachment	Description
N/A	N/A

y. Assignment of Responsibilities

Details of the procedure used for managing the assignment of responsibilities for monitoring and reporting within the installation and for managing the competencies of responsible personnel in accordance with Article 58(3)(c) of the MRR:

This procedure identifies how the monitoring and reporting responsibilities for the roles identified above are assigned and how training and reviews are undertaken.

Title of procedure	Assignment of Responsibilities
Reference for procedure	Emissions Trading Manual Section 3
Diagram reference	N/A
Brief description of procedure. The description should cover the essential parameters and operations performed	This procedure assigns the responsibilities of the personnel involved in the emissions trading scheme. It lists the officers, their responsibility, their position in the company and their function regarding the emissions trading on site. The procedure also list the competency which the contact person & principle officer must have in order to manage the assignment of responsibilities for monitoring and reporting within the installation and for managing the competencies of responsible personnel in accordance with Article 58(3)(c) of the MRR.
Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A
List of EN or other standards applied	N/A

z. Monitoring Plan Appropriateness

Details of the procedure used for regular evaluation of the monitoring plan's appropriateness covering in particular any potential measures for the improvement of the monitoring methodology:

Title of procedure	Monitoring Plan Appropriateness
Reference for procedure	Emissions Trading Manual Section 4
Diagram reference	N/A
Brief description of procedure. The description should cover the essential parameters and operations performed	The monitoring plan shall be checked on a half yearly basis to see if any of the following require updating: Emission sources/ Emission Points Source streams

	Metering devices
	Metering Uncertainties
	Applied tiers
	If possible the monitoring methodology should be improved.
	EU-ETS compliance shall be reviewed at monthly energy meetings as a specific agenda item.
Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A
List of EN or other standards applied	N/A

aa. Data Flow Activities

Details of the procedures used to manage data flow activities in accordance with Article 57 of the MRR:

Title of procedure	Data Flow Activities
Reference for procedure	Emissions Trading Manual Section 6
Diagram reference	N/A
Brief description of procedure. The description should cover the essential parameters and operations performed	<p>The data flow is represented in the data flow section of the emissions trading manual. The main sources of data are the invoices for the fuels, with natural gas being the only major fuel used on site.</p> <p>The consumption figures are taken from the invoices and entered into the calculation workbook. If there is any inaccuracies in the data, it will be corrected. Gas oil invoices are used to calculate gas oil usage along with stock takes. These figures are entered into the calculation workbook so as to manage data flow activities in accordance with Article 57 of the MRR.</p> <p>The Verification takes place before the AEM is completed. The Verifier checks the AEM and submits their opinion statement. The AEM is then submitted to the EPA. All documentation is backed up continuously on the DAA back up servers.</p> <p>Acetylene is used during welding process. Invoices from fuel supplier are used to calculate consumption.</p> <p>Kerosene invoices are used to calculate kerosene usage along with stock takes. These figures are entered into the</p>

	calculation workbook so as to manage data flow activities.
	LPG invoices are used to calculate LPG usage. These figures are entered into the calculation workbook so as to manage data flow activities.
Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A
List of EN or other standards applied	N/A
List of primary data sources	Natural gas invoices Gas oil invoices Kerosene invoices Acetylene Invoices LPG Invoices
Description of the relevant processing steps for each specific data flow activity.	The installation is a category A installation producing less than 25,000 tonnes of CO2.
Identify each step in the data flow and include the formulas and data used to determine emissions from the primary data. Include details of any relevant electronic data processing and storage systems and other inputs (including manual inputs) and confirm how outputs of data flow activities are recorded	The site emits Carbon Dioxide from Schedule 1 activities made up from natural gas Boilers, natural gas fired Combined Heat and Power units, natural gas fired water heaters, gas oil fired boilers and standby generators. The site consists of numerous 3rd party natural gas meters used for invoicing purposes. Consumption data from the natural gas invoices will be used to determine the carbon emitted by multiplying by the NCV supplied by the gas supplier. Natural gas: The country specific emission factor for Natural Gas (tCO2/TJ) as listed in the "Country Specific Net Calorific Values and CO2 Emission Factors for use in the Annual Installation Emissions Report" for the year being reported on is available on the EPA website and is updated every year. An oxidation factor of 1 is then applied. Gas oil: This is used for standby generators and some small boilers. The gas oil fuel falls under the de-minimis category and a "no tier" approach has been taken. Oil deliveries will be recorded during the year and consumption will be estimated based on the opening stock balance at year start and a closing stock balance at year end, with the difference, including deliveries, being the consumption. Gas Oil: The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO2 emissions.

Acetylene: This is used for welding. Acetylene usage falls under the de-minimis category and a "no tier" approach has been taken. Deliveries will be used to calculate consumption. Acetylene: The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO2 emissions.

Kerosene: This is used for some small boilers. The Kerosene fuel falls under the de-minimis category and a "no tier" approach has been taken. Kerosene deliveries will be recorded during the year and consumption will be estimated based on the opening stock balance at year start and a closing stock balance at year end, with the difference, including deliveries, being the consumption. Kerosene: The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO2 emissions.

LPG: This is used for cooking facilities and for the fire simulator rig.

Usage falls under the de-minimis category and a "no tier" approach has been taken. LPG is delivered to a bulk tank (for simulator) and cylinders (for cooking). Deliveries (invoices) will be used to calculate consumption. The Country Specific emission factor, net calorific values and oxidation factor which are contained on the EPA website for the year being reported (and updated from year to year) are utilised to calculate CO2 emissions.

Submit relevant documents to record data flow activities

Attachment	Description
N/A	N/A

bb. Assessing and Controlling Risks

Details of the procedures used to assess inherent risks and control risks in accordance with Article 58 of the MRR:

Title of procedure	Assessing and Controlling Risks
Reference for procedure	Emissions Trading Manual Section 7
Diagram reference	N/A

<p>Brief description of procedure. The description should cover the essential parameters and operations performed</p>	<p>This procedure lists the hazards associated with the EU ETS. The hazards identified include: Gas meter failure, incorrect factors used in calculations and corrupted formula used in the calculation workbook.</p>
<p>Post or department responsible for the procedure and for any data generated</p>	<p>Each of the hazards risks are rated as high, medium or low depending on the how likely it is that this hazard could happen. For each of the hazards there are controls in place to reduce the risk of losses/errors in the data so as to assess inherent risks and control risks in accordance with Article 58 of the MRR.</p> <p>Energy Manager</p>
<p>Location where records are kept</p>	<p>U:\Building Services\Energy\Emissions Trading Manual\Version X.X</p>
<p>Name of IT system used</p>	<p>N/A</p>
<p>List of EN or other standards applied</p>	<p>N/A</p>

cc. Quality Assurance of Metering / Measuring Equipment

Details of the procedures used to ensure quality assurance of measuring equipment in accordance with Article 58 and 59 of the MRR.

<p>Title of procedure</p>	<p>Quality Assurance of Metering/Measuring Equipment</p>
<p>Reference for procedure</p>	<p>Emissions Trading Manual Section 8</p>
<p>Diagram reference</p>	<p>N/A</p>
<p>Brief description of procedure. The description should cover the essential parameters and operations performed</p>	<p>The gas meters on site are third party meters owned by the gas supplier. The meters supplying the major source streams are calibrated annually. All measuring equipment shall be calibrated and certified as necessary. Calibration certificates for gas meters for major emissions points shall be obtained from gas supplier annually so as to ensure quality assurance of measuring equipment in accordance with Article 58 and 59 of the MRR.</p>
<p>Post or department responsible for the procedure and for any data generated</p>	<p>Energy Manager</p>
<p>Location where records are kept</p>	<p>U:\Building Services\Energy\Emissions Trading Manual\Version X.X</p>
<p>Name of IT system used</p>	<p>N/A</p>
<p>List of EN or other standards applied</p>	<p>N/A</p>

dd. Quality Assurance of Information Technology used for Data Flow Activities

Details of the procedures used to ensure quality assurance of information technology used for data flow activities in accordance with Article 58 and 60 of the MRR:

<p>Title of procedure</p>	<p>Quality Assurance of Information Technology used for Data Flows</p>
<p>Reference for procedure</p>	<p>Emissions Trading Manual Section 9</p>
<p>Diagram reference</p>	<p>N/A</p>
<p>Brief description of procedure. The description should cover the essential parameters and operations performed</p>	<p>This procedure outlines where the EU ETS data is kept on file, the personnel who have access to the data and how the data is backed up to ensure the safety of the data.</p> <p>Details of recording data errors is also included in this procedure. It is necessary to record an error in the data flow process and the solution/corrective actions taken as this data will be required when carrying out annual CO2 calculations and will ensure no error goes unaccounted so as to ensure quality assurance of information technology used for data flow activities in accordance with Article 58 and 60 of the MRR. MS Excel spreadsheets used to complete emissions verification. The relevant data database is backed up on a scheduled basis.</p>
<p>Post or department responsible for the procedure and for any data generated</p>	<p>Energy Manager</p>
<p>Location where records are kept</p>	<p>U:\Building Services\Energy\Emissions Trading Manual\Version X.X</p>
<p>Name of IT system used</p>	<p>N/A</p>
<p>List of EN or other standards applied</p>	<p>N/A</p>

ee. Review and Validation of Data

Details of the procedures used to ensure regular internal reviews and validation of data in accordance with Articles 58 and 62 of the MRR.

<p>Title of procedure</p>	<p>Review and Validation of Data</p>
<p>Reference for procedure</p>	<p>Emissions Trading Manual Section 10</p>
<p>Diagram reference</p>	<p>N/A</p>
<p>Brief description of procedure. The description should cover the essential parameters and operations performed</p>	<p>Natural Gas: Consumption data from invoices shall be validated by DAA staff against taken meter readings at month end to ensure accuracy. Consumption levels shall also be compared against budgets for the year in question and against consumption from previous years to identify obvious errors. Invoices shall be validated by Energy Costings Officer, followed by Energy Manager and then Asset Care Campus Manager, to reduce risk of mistakes.</p> <p>Gas oil: Documentation required to support gas oil consumption calculations includes:-Tank Level readings at beginning and End of relevant period. -Gas oil invoices. Gas oil usage will be checked against previous annual consumptions.</p> <p>Kerosene: Documentation required to support kerosene consumption calculations includes:-Tank Level readings at</p>

beginning and End of relevant period. -Kerosene invoices. Kerosene usage will be checked against previous annual consumptions.

LPG: Documentation required to support consumption calculations includes: LPG invoices.

Emission Factors: The most up to date fuel emission factors shall be used in reporting. These figures shall be obtained from EPA website.

Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A
List of EN or other standards applied	N/A

ff. Corrections and Corrective Actions

Details of the procedures used to handle corrections and corrective actions in accordance with Articles 58 and 63 of the MRR:

Title of procedure	Corrections and Corrective Actions
Reference for procedure	Emissions Trading Manual Section 11
Diagram reference	N/A
Brief description of procedure. The description should cover the essential parameters and operations performed	<p>Corrective and preventive action:</p> <ol style="list-style-type: none"> 1. When any part of the data flow activities or control activities (device, equipment, staff member, supplier, procedure or other) is found not to function effectively or to function outside set boundaries, the operator shall promptly take appropriate corrections and the rejected data shall be corrected. The cause of the malfunction or error shall be identified and appropriate procedures put in place to reduce risk of re-occurrence. 2. Natural gas usage is monitored from the Bord Gais meters. 3. Any unexpected variances in usage will be examined further. 4. If necessary corrective actions will be taken after notifying EPA.

5. An audit will be carried out every 6 months with the aim of verifying compliance with the permit and monitoring and reporting plan.

This Audit will check that the following the following:

-The procedure is up to date in the following areas: Officers and responsibilities, fuels being used and instrument failure procedures.

-The monitoring and reporting plan is up to date in the following areas: description of calculation approach, fuels used and the correct tiers are applied.

-Compliance with the permit.

Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A
List of EN or other standards applied	N/A

gg. Control of Outsourced Activities

Details of the procedures used to control outsourced processes in accordance with Articles 59 and 64 of the MRR.

Title of procedure	Control of Outsourced Activities
Reference for procedure	Emissions Trading Manual Section 12
Diagram reference	N/A
Brief description of procedure. The description should cover the essential parameters and operations performed	Outsourced processes
	-Meter calibration
	-Verifier
	Meter calibrations: The calibration of the natural gas meters is carried out by Bord Gais as they are third party meters and are not in the control of Dublin Airport Authority. A certificate of calibration is available for the meters. This certificate is available for inspection during the EU ETS verification.
	Verifier: Our Verifier is fully accredited to provide verification for installations. The verifier will check the CO2 calculations carried out during the verification audit. This ensures that all data has been checked before being

submitted to the EPA in the AEM.

Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A
List of EN or other standards applied	N/A

hh. Record Keeping and Documentation

Details of the procedures used to manage record keeping and documentation:

Title of procedure	Record Keeping and Documentation
Reference for procedure	Emissions Trading Manual Section 13
Diagram reference	N/A
Brief description of procedure. The description should cover the essential parameters and operations performed	Details of the location for all documentation to be kept for the EU ETS. The manual is recorded at the address below. When the manual is updated the version number will be changed. This will ensure that the most recent Manual is being used.

Each year a new folder to record the relevant documentation for the EU ETS is created.

The documents to be archived are:

- Most up to date GHG Permit
- Most up to date Monitoring Plan
- Gas meter calibration certificates
- Fuel Invoices (GO, NG, Kerosene and LPG)
- CO2 Calculation workbook
- EPA Correspondence for that year
- Verifier correspondence for that year
- Verifier reports

Post or department responsible for the procedure and for any data generated	Energy Manager
Location where records are kept	U:\Building Services\Energy\Emissions Trading Manual\Version X.X
Name of IT system used	N/A

List of EN or other standards applied N/A

ii. Risk Assessment

The results of a risk assessment that demonstrates that the control activities and procedures are commensurate with the risks identified:

Attachment	Description
N/A	N/A

jj. Environmental Management System

Does your organisation have a documented Environmental Management System? Yes

Is the Environmental Management System certified by an accredited organisation? No

12. Changes in Operation

kk. Changes in Operation

Article 24(1) of Commission Decision 2011/278/EC requires that Member States must ensure that all relevant information about any planned or effective changes to the capacity activity level and operation of an installation is submitted by the operator to the competent authority by 31 December each year. Article 12(3) of the MRR further provides that Member States may require information to be included in the monitoring plan of an installation for the purposes of meeting these requirements.

Details of the procedure used to ensure regular reviews are carried out to identify any planned or effective changes to the capacity activity level and operation of the installation that have an impact on the installation's allocation:

The procedure specified below cover the following:

- planning and carrying out regular checks to determine whether any planned or effective changes to the capacity activity level and operation of an installation are relevant under Commission Decision 2011/278/EC; and
- Procedures to ensure such information is submitted to the competent authority by 31 December of each year.

<p>Title of procedure</p> <p>Reference for procedure</p> <p>Diagram reference</p> <p>Brief description of procedure. The description should cover the essential parameters and operations performed</p>	<p>Changes in Operation</p> <p>Emissions Trading Manual Section 15</p> <p>N/A</p> <p>Throughout the year reviews will be carried out to identify any planned or effective changes to the capacity, activity level and operation of the installation that have will an impact on the installation's allocation and that it will be notified by 31 December each year.</p> <p>The following should be considered in the event of a proposed change:</p> <p>-Will there be a change in the Installed capacity on site?</p> <p>-Will there be a large increase/decrease in activity level?</p> <p>-Is the activity of the installation changing?</p> <p>If yes, is the answer to any of the above, the EPA should be notified and subsequently any information which the EPA request from the installation should be passed on as soon as possible.</p>
<p>Post or department responsible for the procedure and for any data generated</p> <p>Location where records are kept</p> <p>Name of IT system used</p>	<p>Energy Manager</p> <p>U:\Building Services\Energy\Emissions Trading Manual\Version X.X</p> <p>N/A</p>

13. Abbreviations

II. Abbreviations Acronyms or definitions

Abbreviations acronyms or definitions that have been used in this monitoring plan:

Abbreviation	Definition
ETM	Emissions Trading Manual

14. Additional Information

Any other information:

Attachment	Description
5.17 Change of Name Cert from Dublin Airport Authority to daa (November 4th 2014).pdf	Name change cert
GHG 094 DAA IRL_ETS 014_2.xls	Operator Details
Cargo Terminal 1 Gas meter.JPG	Photo of Cargo Terminal 1 Gas meter
Cargo Terminal 1 Boiler.JPG	Photo of Cargo Terminal 1 Boiler Plate
Cargo 6 Gas Meter.JPG	Photo of Cargo 6 Gas Meter
Cargo 6 Boiler 2.JPG	Photo of Cargo 6 Boiler 2 Plate
Cargo 6 Boiler 1.JPG	Photo of Cargo 6 Boiler 1 Plate
Cargo 4 Unit 2 Gas meter.JPG	Photo of Cargo 4 Unit 2 Gas meter
Cargo 4 Unit 2 Boiler.JPG	Photo of Cargo 4 Unit 2 Boiler Plate
Emissions Reference List v2.pdf	Dublin Airport Source Emission Reference List
S92 Taxi Rank capacity.jpg	S92 Taxi Rank Capacity
S93 Castlemoate Data Sheet (2).jpg	S93 Castlemoate Data Sheet
S141 and S142 Fire Station new Boilers.jpg	S141 and S142 Fire Station new boilers
S141 and S142 Fire station data sheet.jpg	S141 and S142 Fire Station data sheet
S141 and S142 Fire station data sheet 188kw.jpg	S141 and S142 Fire Station data sheet 188kW
T1X Boiler Info.docx	Thermal Input Capacity evidence
Firestation Grill salamander specs.jpg	Fire Station Grill Specs (145)
20190227_103626.jpg	Fire Sttion LPG Cooker Specs
41215 Dublin Airport Authority Metering Summary 2019.pdf	GNI Summary 2019 Aer Rianta Passenger Terminal
Alandale Logistics Metering Summary 2019.pdf	GNI Metering Summary 2019 Alandale Logistics
Flight Kitchen Dublin Airport Metering Summary 2019.pdf	GNI Metering Summary 2019 Aer Rianta Flight Kitchen
S94 Boiler Plate.docx	S94 Boiler Plate TIC
LPG Summary 2018v1.xlsx	Boiler Plate S143 S144 S145 TIC
Thermal Capacity Calcs Simulator.xlsx	S146 TIC
S140 Acetylene TIC Calcs.docx	S140 Acetylene TIC
GHG094-04supportingdocumentv8_2019.xlsx	Emission Surce Summary Table
SOB3 SOB4 Evidence.jpg	SOB 3 and 4 removal evidence
Gas Meter Database v3.xlxb.xlsx	Gas Meter Database
Schedule of Evidence.pdf	Schedule of Evidence
GHG094-04supportingdocumentv8c_2019.xlsx	Supporting Info and Calculations

15. Confidentiality

mm. Confidentiality Statement

It is the Environmental Protection Agency's policy to make information received by it in the course of its work open to inspection by any person on request. This is in accordance with the provisions of the European Communities (Access to Information on the Environment) Regulations 2007 to 2011.

In the event that you considered that some of the information being submitted of a confidential nature, then the nature of this information and the reasons why it should be considered confidential, with reference to the European Communities (Access to Information on the Environment) Regulations 2007 to 2011 and any amendments must be explicitly requested using the facility below. The Board of the Environmental Protection Agency will consider the requests and if the information can be deemed as confidential and necessary.

Notwithstanding any request for confidentiality, the Environmental Protection Agency explicitly reserves the right to release data to the Commission, including emissions and allocations to the public, on the basis that the data will be used for the purposes foreseen in Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending Council Directive 96/61/EC.

Please tick this box if you consider that any part of your form should be treated as commercially confidential/sensitive: false

END of Appendix I.